

Framework for Accountability: Mobility, Economic Vitality, the Environment, and Healthy Communities

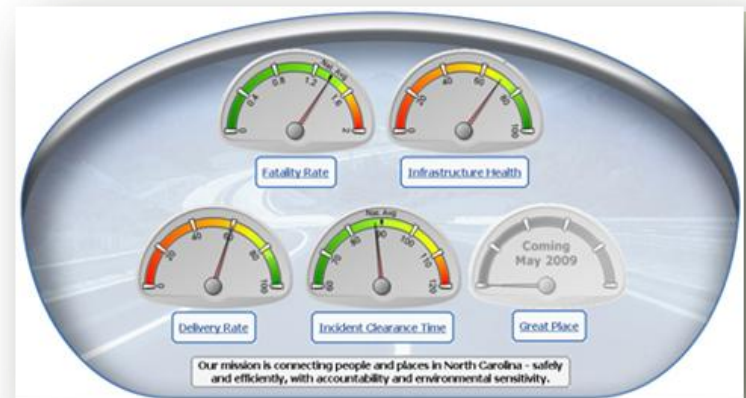
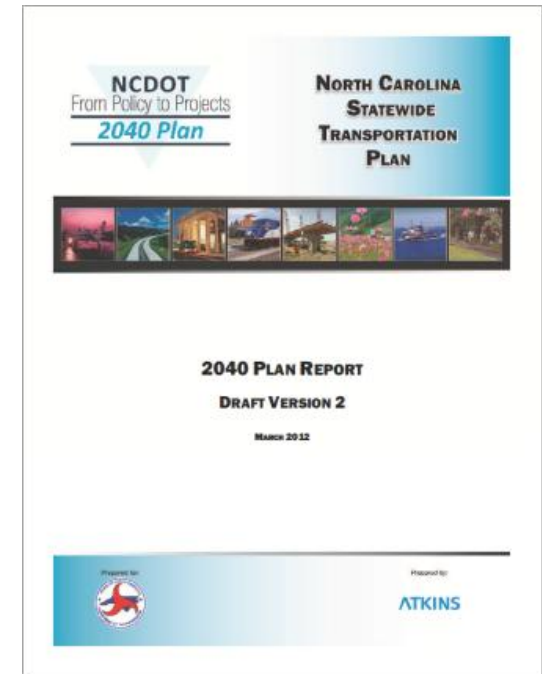
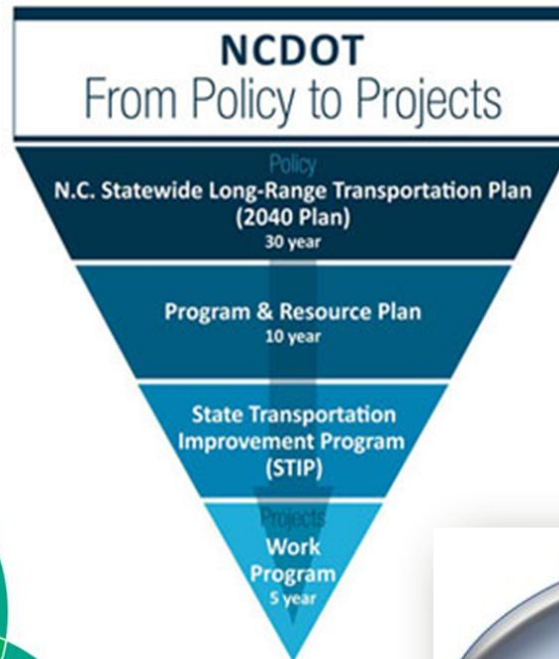
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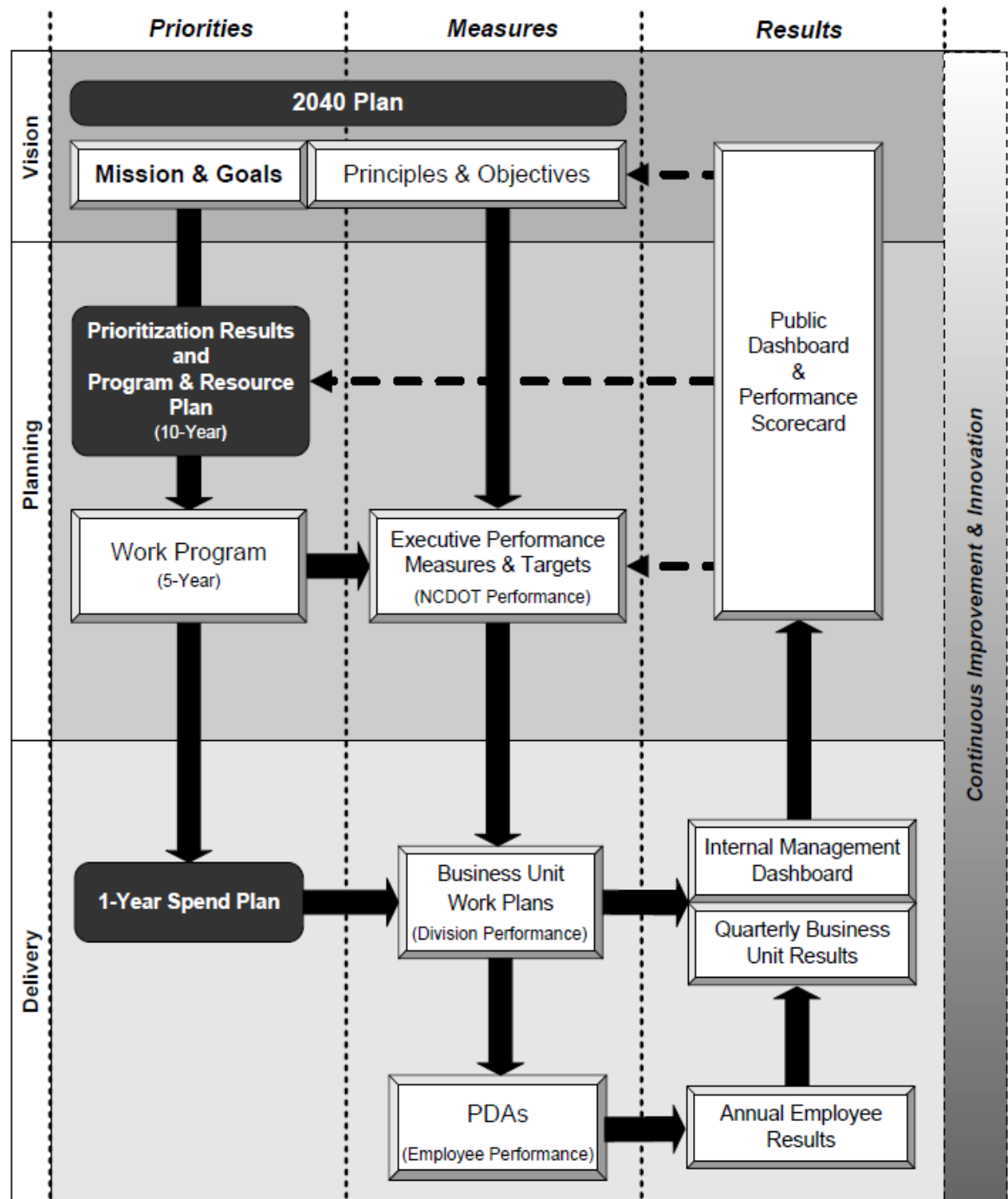
Outcomes

- Provide Context
- Present the Framework
- Discuss and Receive Input

Context



Fitting it Altogether



Purpose of Framework and Approach

Purpose

- Best bang for the buck
- A systems perspective to optimize for the greatest societal good
- Meet customer needs - now and into the future
- Reinforces departmental efforts on accountability and transparency

Approach

- Document what NCDOT is already doing
- Organize according to the triple bottom line
- Emphasize performance measurement

Framework Process: Overview



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graph LR; A[Plan Review and Practices Inventory] --> B[Defining Sustainability for NCDOT]; B --> C[Framework Development]; C --> D[Integration]
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**Plan Review
and
Practices
Inventory**

**Defining
Sustainability
for NCDOT**

**Framework
Development**

Integration

Framework Development



- Performance Measures:
 - Mapped all existing measures to objectives
 - Identified and filled gaps
 - Defined and applied rating criteria
 - Refined list
 - Classified as primary and secondary

Principles

- Moving People and Goods
- Choices
- Connectivity
- Resource Protection
- Prosperity
- Accountability
- Healthy Communities
- Organizational Responsibility



Moving People and Goods

An efficient transportation network

- **The WHAT:**
 - Improve the reliability of all modes of transportation
 - Reduce congestion
 - Reduce travel times
- **The MEASURES (Examples):**
 - Percentage of passenger train boardings completed on schedule
 - Travel time index for surveyed roadways
- **The HOW**



Choices

Options in how to travel

- **The WHAT:**
 - Expand and enhance alternatives to automobile travel
 - Improve intermodal connectivity
 - Reduce growth rate of SOV travel
- **The MEASURES (Examples):**
 - VMT per capita
 - Miles each of greenways, designated bike lanes, and sidewalks
- **The HOW**



Connectivity

Integration of transportation and land use

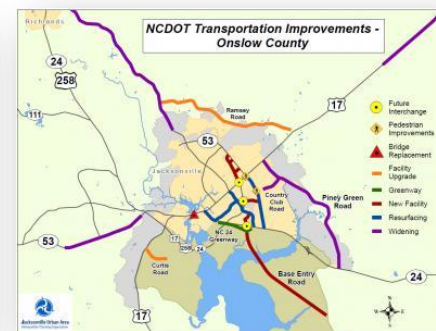
- **The WHAT:**

- Enhance transportation network connectivity
- Improve pedestrian and bicycle linkages to activity centers
- Encourage comprehensive planning at the state, regional, and local levels
- Invest in multimodal, mixed-use transit centers
- Reduce average trip length

- **The MEASURES (Examples):**

- Number of areas with a bicycle/pedestrian plan
- Number of CTPs adopted annually by NCDOT

- **The HOW**



Resource Protection

Protection and conservation of natural resources

- **The WHAT:**

- Improve air quality and reduce transportation-related emissions
- Protect and enhance water quality
- Increase energy and water conservation and efficiency
- Conserve high-quality ecosystem services
- Enhance “3 R” (reduce, reuse, and recycle) efforts

- **The MEASURES (Examples):**

- Gallons of fuels purchased by NCDOT, by fuel type
- Percent of management plans implemented for endangered species sites

- **The HOW**



Prosperity

Economic growth and development

- **The WHAT:**

- Leverage effective funding strategies for transportation investment to meet long-term needs
- Use transportation investment to support economic development, job creation, and commerce
- Increase the efficiency and cost effectiveness of goods movement

- **The MEASURES (Examples):**

- Percentage of NCDOT's total annual budget expended on external goods, materials, and services
- Percentage of project costs supported by local funding, public-private partnerships, and/or other cost recovery mechanisms

- **The HOW**



Accountability

Balance of needs and interests with available resources

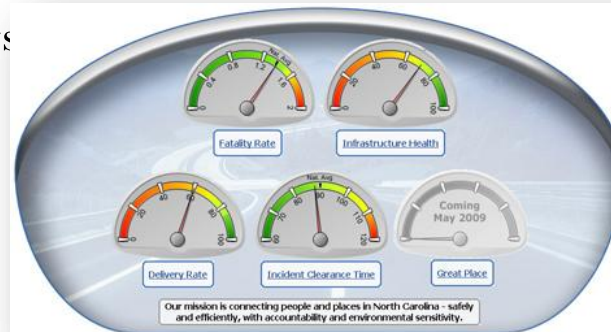
- **The WHAT:**

- Improve performance-based program delivery
- Use value management tools, including life cycle, risk assessment, and return on investment analyses, for transportation decision-making
- Maximize the capacity potential of the existing transportation network across all modes
- Improve NCDOT's level of customer service

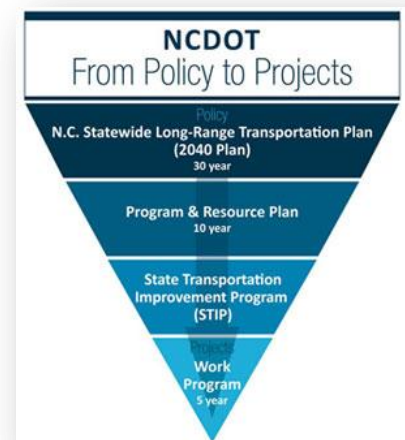
- **The MEASURES (Examples):**

- Percentage of STIP projects delivered on schedule
- Percent of customers

- **The HOW**



in NC



Healthy Communities

Livable communities and improved quality of life

- **The WHAT:**

- Improve safety for communities and for travelers of all modes
- Provide equitable transportation options for all travelers, including transit-dependent populations and users of all capabilities
- Support improved public health outcomes
- Improve the resiliency of transportation infrastructure to natural causes, including weather-related events
- Enhance public awareness and opportunities for participation with an emphasis on engaging traditionally underserved populations
- Protect and preserve historic, cultural, and civic assets

- **The MEASURES (Examples):**

- Population within critical distance of high volume roadways
- Rate of pedestrian and bicycle fatalities for low-income and minority populations in comparison to the general population

- **The HOW**



Organizational Responsibility

A sustainable organization

- **The WHAT:**

- Attract new employees and enhance employee engagement, retention, productivity, diversity, and satisfaction
- Improve information technology products and services to facilitate efficient and effective business operations
- Support programs that improve employee health, safety, and welfare

- **The MEASURES (Examples):**

- Employee retention rate
- Dollars saved as a result of IT initiatives

- **The HOW**



Next Steps

- Input from Board of Transportation
- Endorsement as part of Policy to Projects
- Internal communications
 - Across Units and Divisions
- Implementation team
 - Performance metrics
 - Strategies
 - Continuous Improvement
- Education and outreach

Discussion

- Specific comments on Principles and Objectives
- Board's role
 - Communications, education and outreach
 - Performance metrics
- Other questions/comments

